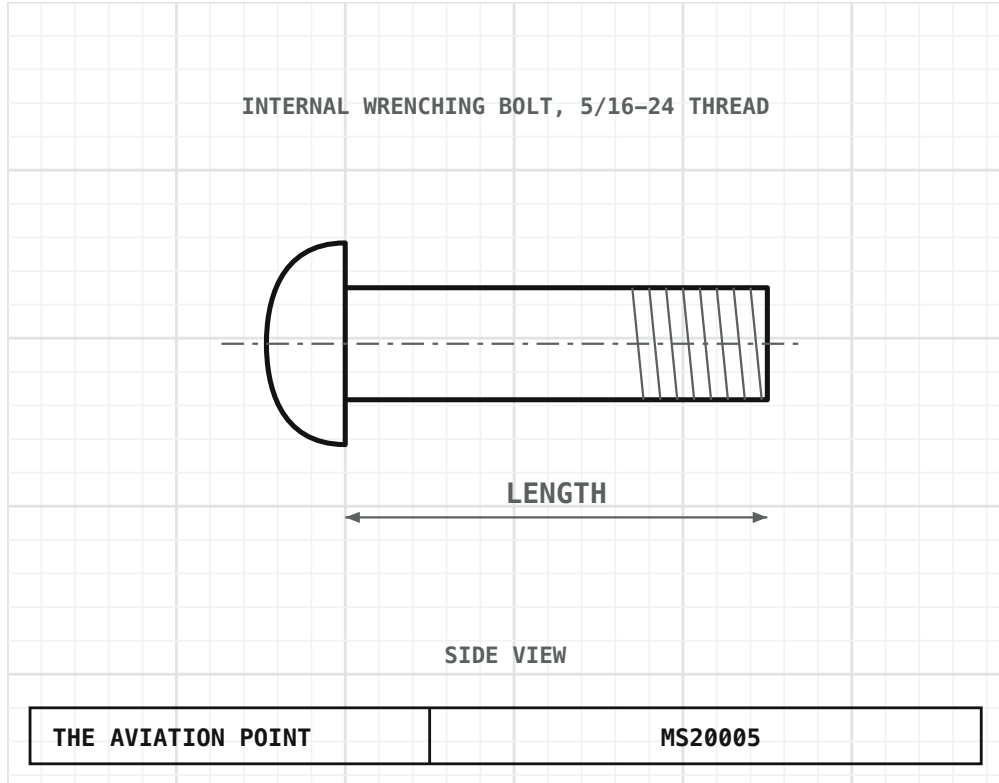
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MS20005 — internal wrenching bolt, 5/16-24 thread

Bolt, Internal Wrenching: thread, grip, length and commonly stocked part numbers.



MS20005



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Internal wrenching bolt
Status	Check the current issue before design use.

Dimensions by size

Dimension, in	5/16-24
Thread	5/16-24

Thread as stated for the standard. Head and shank dimensions are not shown here: take them from the standard.

Part numbers

5/16-24 14 part numbers

Part no.	Grip, in	Length, in
MS20005-6	.375	.938
MS20005-8	.500	1.062
MS20005-10	.625	1.188
MS20005-12	.750	1.312
MS20005-14	.875	1.438
MS20005-16	1.000	1.562
MS20005-18	1.125	1.688
MS20005-20	1.250	1.812
MS20005-22	1.375	1.938
MS20005-24	1.500	2.062
MS20005-26	1.625	2.188
MS20005-28	1.750	2.312
MS20005-30	1.875	2.438
MS20005-32	2.000	2.562

How to read the part number

Part	Meaning
Format	MS20005-<dash>
Example	MS20005-6 — Internal wrenching bolt, 5/16-24 thread, grip .375, length .938

Notes

- Grip tolerance ±.010.
- Listed as replacing NAS144, NAS145 and NAS146.
- Part number format as commonly written; check the standard for the exact format.
- Approved data governs. Use the bolt the SRM, drawing or IPC calls for.

SOURCES · MS20005 — Bolt, Internal Wrenching

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/structural-bolts/ms20005/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.